

Please type a plus sign (+) inside this box

Approved for use through 10-31-99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/08A (10-96)

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				COMPLETE IF KNOWN	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/574,955
				Filing Date	May 19, 2000
				First Named Inventor	Michael J. Renn
				Group Art Unit	2874
				Examiner Name	Sarah Song
Sheet	1	of	2	Attorney Docket Number	881.008US2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
8us		3,808,432		A. Ashkin	04/30/1974	
8us		3,808,550		A. Ashkin	04/30/1974	
8us		4,016,417		R.G. Benton	04/05/1977	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature	<i>Sarah Song</i>	Date Considered	21 JUN 04
--------------------	-------------------	-----------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

G:\Diane\Optomec\955-1449form-pat.doc DSN 30108-2700

1. Unique citation designation number. 2. See attached Kinds of U.S. Patent Documents. 3. Enter office that issued the document, by the two-letter code (WIPO Standard ST.3).
4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box

+

PTO/SB/08B (10-96)

Approved for use through 10-31-99. OMB 0651-003

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN		
				Application Number	09/574,955	
				Filing Date	May 19, 2000	
				First Named Inventor	Michael J. Renn	
				Group Art Unit	2874	
				Examiner Name	Sarah Song	
Sheet	2	of	2	Attorney Docket Number		881.008US2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
ASR		ASHKIN, A., "Acceleration and Trapping of Particles by Radiation Pressure", <i>Physical Review Letters</i> , January 26, 1970, pp. 156-159, Vol. 24, No. 4, The American Physical Society	
ASR		ASHKIN, A., et al., "Optical trapping and manipulation of single cells using infrared laser beams", <i>Nature</i> , 24/31 December, 1987, pp. 769-771, Vol. 330, London, Great Britain	
ASR		RENN, M.J., et al., "Laser Guidance and Trapping of Mesoscale Particles in Hollow-Core Optical Fibers", <i>Physical Review Letters</i> , February 15, 1999, pp. 1574-1577, Vol. 82, No. 7, The American Physical Society	
ASR		RENN, M.J., et al., "Particle manipulation and surface patterning by laser guidance", <i>Journal of Vacuum Science & Technology B</i> , Nov/Dec 1998, pp. 3859-3863, Vol. 16, No. 6, American Vacuum Society	

Examiner Signature	<i>Sarah Song</i>	Date Considered	21 JUN 04
--------------------	-------------------	-----------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

G:\Diane\Optomec\955-1449form-2-pat.doc DSN 30108-2700

¹ Unique citation designation number. 2. Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box



Approved for use through 10-31-99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/08A (10-96)

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449a/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				COMPLETE IF KNOWN	
				Application Number	09/574,955
				Filing Date	May 19, 2000
				First Named Inventor	Michael J. Renn
				Group Art Unit	2874
				Examiner Name	Sarah U. Song
Sheet	1	of	1	Attorney Docket Number	881.008US2

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Kind Code ² Number (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SVL		5,648,127		M.C. Turchan, et al.	07/15/1997	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner Signature	<i>Sarah U. Song</i>	Date Considered	21 JUN 04
--------------------	----------------------	-----------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

G:\Diane\Optomec\955-suppl-1449-a.doc DSN 31508-2700

1. Unique citation designation number. 2. See attached Kinds of U.S. Patent Documents. 3. Enter office that issued the document, by the two-letter code (WIPO Standard ST.3).
4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.